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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/614,996	07/11/2000	Viswanathan Swaminathan	83000.1035C	2771

7590 03/15/2006
Jeffrey C. Hood
Meyertons Hood Kivlin Kowert
Goetzel P.C.
PO Box 398
Austin, TX 78767-0398

EXAMINER

MANIWANG, JOSEPH R

ART UNIT PAPER NUMBER

2144

DATE MAILED: 03/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/614,996

Applicant(s)

SWAMINATHAN ET AL.

Examiner

Joseph R. Maniwang

Art Unit

2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 93-105, 113-143, 148-159, 161-171 and 179-202 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 93-105, 113-143, 148-159, 161-171 and 192-195 is/are allowed.
- 6) ☒ Claim(s) 179-184 is/are rejected.
- 7) ☒ Claim(s) 185-191 and 196-202 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 8/11/05

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Objections

1. Claims 196-202 are objected to under 37 CFR 1.75 as being a substantial duplicate of claims 185-191. When two claims in an application are duplicates or else are so close in content that they both cover the same thing, despite a slight difference in wording, it is proper after allowing one claim to object to the other as being a substantial duplicate of the allowed claim. See MPEP § 706.03(k). Conversely, claims 185-191 are objected to as being a substantial duplicate of claims 196-202.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
3. Claims 179-184 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
4. The term "in a timely fashion" in claim 179 is a relative term which renders the claim indefinite. The term "in a timely fashion" is not defined by the claim, the specification does not provide a standard for ascertaining the requisite degree, and one of ordinary skill in the art would not be reasonably apprised of the scope of the invention. Thus, it is unclear as to what Applicant is seeking to claim as the invention and the claims are rejected accordingly.

Allowable Subject Matter

5. Claims 93-105, 113-143, 148-159, 161-171, and 192-195 are allowed.
6. Regarding claims 93-105, 113-143, 148-159, 161-171, the Examiner's statement of reasons for allowance has been presented in a prior Office Action.
7. Regarding claims 192-195, the provision for the combination of limitations of the claims is not fairly taught or suggested by the prior art of record as stated in the Examiner's statement of reasons for allowance previously presented in a prior Office Action.
8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

9. Regarding claims 106-112, 144-147, 160, and 172-178 rejected under 35 U.S.C. 101 as being directed to non-statutory subject matter, Examiner acknowledges the cancellation of the claims.
10. Regarding newly presented claims 185-202, Examiner submits that claims 185-191 and 196-202 are duplicated claims and are objected to accordingly as detailed above.

11. Regarding claims 179-184, Examiner submits that the claims are indefinite and are rejected under 35 U.S.C. 112(2) as detailed above.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Yanagihara (U.S. Pat. No. 5,835,668)

Oku et al. (U.S. Pat. No. 5,907,372)

Miyagosi et al. (EP 0 789 359 A2)

Farrell et al. (U.S. Pat. No. 6,269,475)

Chadda et al. (U.S. Pat. No. 6,173,317)

Van Gestel (U.S. Pat. No. 6,057,886)

Kaiserswerth et al. (U.S. Pat. No. 6,195,701)

Aizono et al. (U.S. Pat. No. 6,282,578)

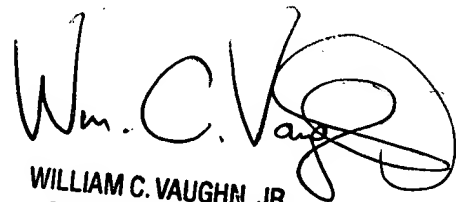
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph R. Maniwang whose telephone number is (571) 272-3928. The examiner can normally be reached on Mon-Fri 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William C. Vaughn can be reached on (571) 272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JM


WILLIAM C. VAUGHN, JR.
PRIMARY EXAMINER